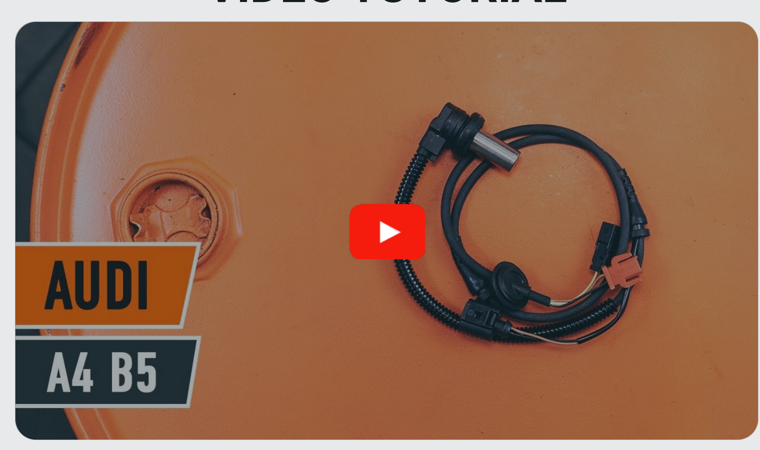
AUTODOC CLUB

How to change front ABS sensor on **Audi A4 B5 saloon** – replacement guide





VIDEO TUTORIAL



Important!

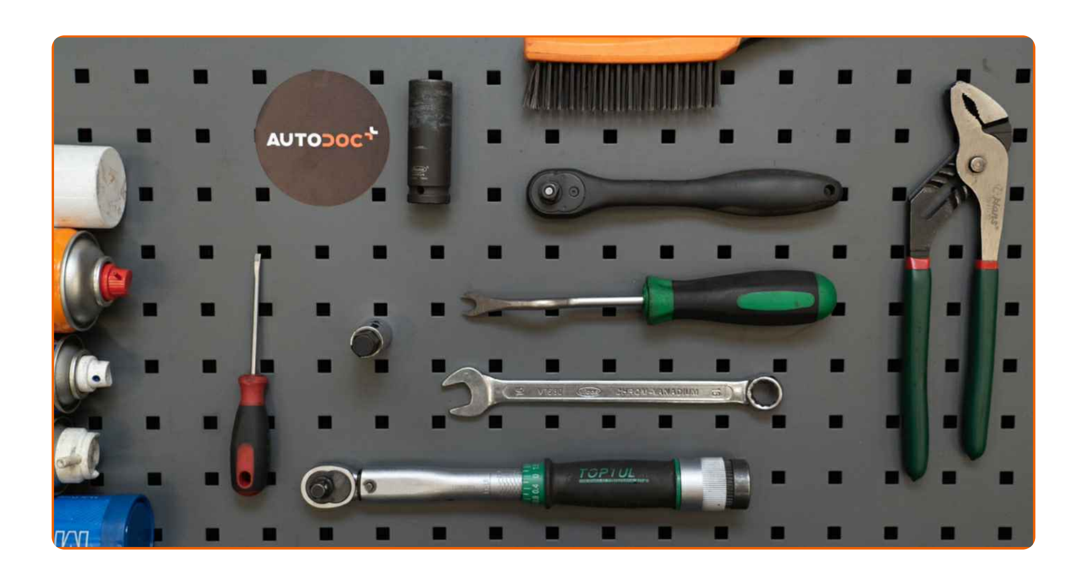
This replacement procedure can be used for:
AUDI A4 Saloon (8D2, B5) 1.8, AUDI A4 Saloon (8D2, B5) 1.8 T, AUDI A4 Saloon (8D2, B5) 1.8 quattro, AUDI A4 Saloon (8D2, B5) 1.8 T quattro, AUDI A4 Saloon (8D2, B5) 1.9 TDI, AUDI A4 Avant (8D5, B5) 1.6, AUDI A4 Avant (8D5, B5) 1.8, AUDI A4 Avant (8D5, B5) 1.8 T, AUDI A4 Avant (8D5, B5) 1.9 TDI, AUDI A4 Avant (8D5, B5) 1.8 quattro, AUDI A4 Avant (8D5, B5) 1.8 T quattro, AUDI A4 Saloon (8D2, B5) 2.8 (ACK,ALG,AMX,APR,AQD,AHA), AUDI A4 Saloon (8D2, B5) 2.8 quattro, AUDI A4 Avant (8D5, B5) 2.8 quattro, AUDI A4 Saloon (8D2, B5) 1.9 TDI quattro, (+ 12)

The steps may slightly vary depending on the car design.





REPLACEMENT: ABS SENSOR – AUDI A4 B5 SALOON. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Electronic spray
- Multipurpose grease
- Copper grease
- Torque wrench
- HEX bit No.H14
- Wheel impact socket #17
- Ratchet wrench
- Clip removal tool
- Flat screwdriver
- Tap wrench
- Pincers
- Wheel chock

BUY TOOLS





Replacement: ABS sensor – Audi A4 B5 saloon. Tip:

- All work should be done with the engine stopped.

REPLACEMENT: ABS SENSOR – AUDI A4 B5 SALOON. USE THE FOLLOWING PROCEDURE:

1. Secure the wheels with chocks.

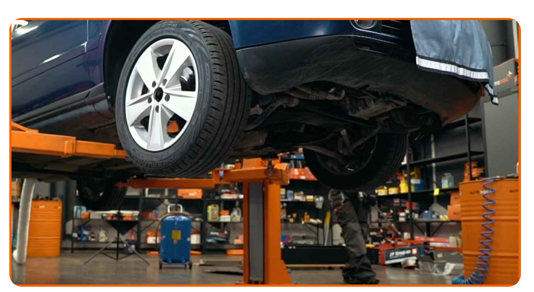
2. Loosen the fastener of the driveshaft. Use HEX No.H14. Use a tap wrench.



3. Loosen the wheel mounting bolts. Use wheel impact socket #17.



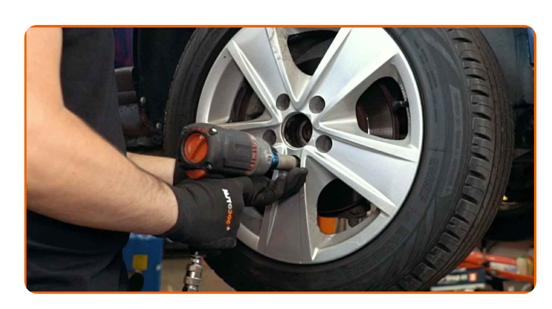
4. Raise the front of the car and secure on supports.







5 Unscrew the wheel bolts.



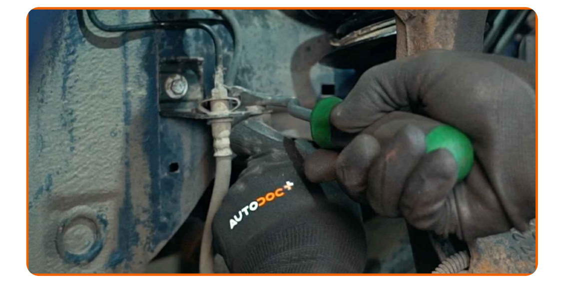
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. Audi A4 B5 saloon

6 Remove the wheel.



7 Disconnect the ABS sensor wiring. Use a clip removal tool.



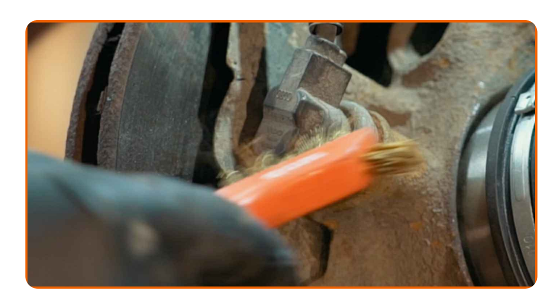
8 Detach the ABS sensor connector.







9 Clean the ABS sensor fastener. Use WD-40 spray.



10 Disconnect the ABS sensor. Use pincers.



11 Clean the ABS sensor mounting seat. Use a wire brush. Use WD-40 spray. Use a brake cleaner.



AUTODOC recommends:

- Replacement: ABS sensor – Audi A4 B5 saloon. After applying the spray, wait a few minutes.

12 Treat the ABS sensor fastener. Use a multipurpose grease. Use a flat screwdriver.







13 Connect the ABS sensor.



14 Connect the ABS sensor wiring.



15 Unscrew the fastener connecting the drive shaft to the wheel hub. Use HEX No.H14. Use a ratchet wrench.



16 Remove the fastening bolt.

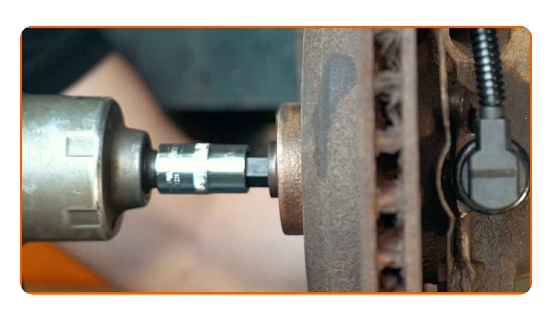
Replacement: ABS sensor – Audi A4 B5 saloon. Tip from AUTODOC experts:

- Make sure the ABS sensor is installed correctly.





17 Install and tighten the drive shaft bolt. Use HEX No.H14. Use a ratchet wrench.



18 Connect the ABS sensor wiring.

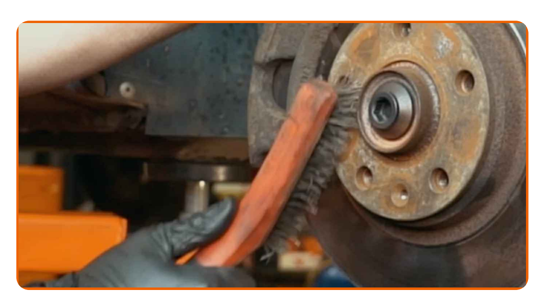


19 Treat the ABS sensor connector. Use dielectric grease.

20 Attach the ABS sensor connector.



21 Clean the wheel rim mounting seat. Use a wire brush.







22 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



23 Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

24 Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Audi A4 B5 saloon

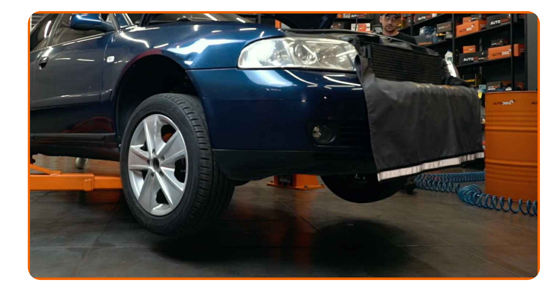




25 Screw in the wheel bolts. Use wheel impact socket #17.



26 Lower the car.



27 Tighten the bolt connecting the drive shaft to the wheel hub. Use HEX No.H14. Use a torque wrench. Tighten it to 115 Nm torque.+180°

Replacement: ABS sensor – Audi A4 B5 saloon. AUTODOC recommends:

- Important! Be sure to use new fasteners.

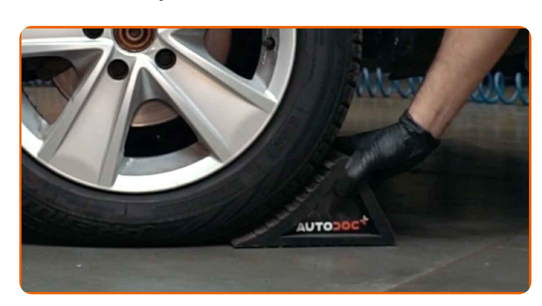
28 Tighten the wheel bolts using a criss-cross pattern. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.







29 Remove the jacks and chocks.



WELL DONE!

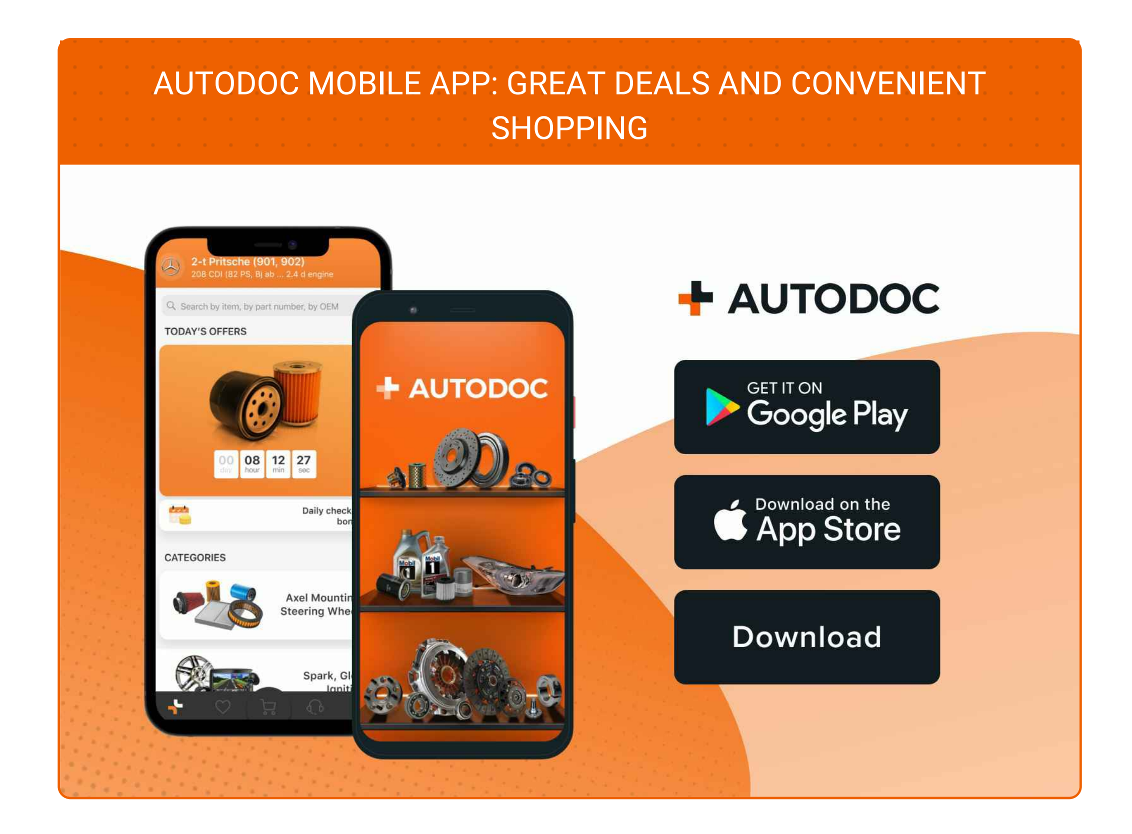






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